REMARKS/ARGUMENTS

Applicant responds herein to the Office Action dated April 17, 2006. A Petition for Extension of Time (one month) and the fee therefore are made of record.

Claims 1-22 were rejected under 35 U.S.C. §103(a) as being unpatentable over Kamieniecki, U.S. Publication No. 2003/0066080 A1, and further in view of Huang et al., U.S. Patent No. 6,829,512. Reconsideration of the rejection is respectfully requested.

Independent claim 1 provides, in part, for, "[a] remote-control system including a mobile radio-signal terminal, a data server, and a network allowing said mobile radio-signal terminal and said data server to communicate with each other therethrough, wherein said mobile radio-signal terminal includes: (a) a memory storing a plurality of remote-control codes therein; (b) a signal transmitter which transmits a <u>first remote-control signal</u> to a target device, <u>based on a remote-control code</u> selected among said remote-control codes for causing said target device to carry out a desired operation; (c) a signal receiver which receives a second remote-control signal indicative of a certain operation, from a terminal which remote-controls said target device; and (d) a controller which (d1) determines <u>a remote-control code, based on said second remote-control signal</u> having been received by said signal receiver, ... wherein said data server receives said second remote-control signal, and transmits <u>said set of remote-control codes</u> associated with said target device and <u>selected in accordance with said second remote-control signal,</u> to said mobile radio-signal terminal," (emphasis supplied).

Independent claim 7 provides, in part, for, "[a] mobile radio-signal terminal capable of making radio-signal communication with another radio-signal terminal through a network, including: (a) a signal transmitter which transmits a first remote-control signal to a target device for remote-controlling said target device to carry out a desired operation; (b) a signal receiver which receives a second remote-control signal indicative of a certain operation, from a terminal which remote-controls said target device; (c) a controller which obtains <u>a remote-control code determined, based on said second remote-control signal</u> having been received by said signal receiver; ... wherein said controller reads a remote-control code out of said memory for causing said target device to carry out a desired operation, transmits the thus read-out remote-control code to said signal transmitter, and causes said signal transmitter to produce said first remote-control signal," (emphasis supplied).

Independent claim 12 provides, in part, for, "[a] method of storing remote-control data used for remote-controlling a target device, comprising the steps of: (a) transmitting a remote-control signal to a mobile radio-signal terminal; (b) transmitting said remote-control signal from said mobile radio-signal terminal to a data server; ... (d) identifying remote-control data used for remote-controlling said target device, to carry out at least one operation, among a plurality of remote-control data stored in said data server, said remote-control data being identified in accordance with said remote-control signal; ..." (emphasis supplied).

Independent claim 19 provides, in part, for, "[a] program installed in a mobile radio-signal terminal for causing a controller to carry out a method of storing remote-control data used for remote-controlling a target device, steps executed by said controller in accordance with said program including: (a) receiving a remote-control signal from a remote-controller used for remote-controlling said target device; (b) transmitting said remote-control signal to a data server; (c) receiving remote-control data used for remote-controlling said target device to carry out at least one operation which remote-control data has been identified among a plurality of remote-control data stored in said data server, said remote-control data being identified in accordance with said remote-control signal; ..." (emphasis supplied).

In the Examiner's analysis supporting his rejection, the Examiner repeatedly cites portions of Kamieniecki allegedly disclosing the presence of remote-control codes, (see Office Action, page 3, lines 4, 9, 10, 16, 18, 19, 20, and 22). However, the cited portions of Kamieniecki only disclose transmission and storage of setup commands or signals. Kamieniecki does not disclose, teach, or suggest the use of remote control codes or remote-control data based on a remote-control signal, or a remote-control signal based on a remote-control code, as claimed in independent claims 1, 7, 12, and 19. The citation of paragraph [0044] and [0045] of Kamieniecki on page 4, line 2 of the Office Action does not change this conclusion. Those paragraphs of Kamieniecki merely disclose the use of characteristics of a received IR signal, not the use of codes or data based on a signal, or a signal based on a code.
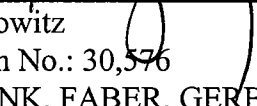
With regard to Huang et al., it likewise does not teach, disclose, or suggest the use of remote-control codes or data based on a remote-control signal or a remote-control signal based on a remote-control code, as claimed in independent claims 1, 7, 12, and 19.

Since each of claims 2-6, 8-11, 13-18, and 20-22 is directly or indirectly dependent upon one of independent claims 1, 7, 12, and 19, each of claims 2-6, 8-11, 13-18, and 20-22 is allowable over Kamieniecki in view of Huang et al. for the same reasons recited above with respect to the allowability of independent claims 1, 7, 12, and 19 over Kamieniecki in view of Huang et al.

In view of the foregoing remarks, allowance of claims 1-22 is respectfully requested.

Respectfully submitted,

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Max Moskowitz
Registration No.: 30,576
OSTROLENK, FABER, GERB & SOFFEN, LLP
1180 Avenue of the Americas
New York, New York 10036-8403
Telephone: (212) 382-0700